

that of a flame-sprayed Ni film, as measured by a shear-fracture testing method.

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cont

2. (Twice Amended) A flame-sprayed aluminum-alloy containing from 12 to 60% by weight of Si, from 0.1 to 30% by weight of Sn, the balance being essentially Al, the aluminum-alloy flame-sprayed by means of high velocity oxy-fuel flame-spraying method (HVOF) on a substrate roughened by shot blasting, and includes granular Si particles and Sn dispersed in the matrix of the aluminum alloy, the granular Si particles having a short-diameter/long diameter ratio of 1/3 or more and some of the granular Si particles having an average particle size greater than 10 μm , and further said flame-sprayed aluminum alloy has adhesive strength of film higher than that of a flame-sprayed Ni film, as measured by a shear-fracture testing method.
